

09/9/5455

ABSTRACT OF THE DISCLOSURE

An image display apparatus includes a reflective display device, <sup>a</sup>~~an illumination~~ light source for illuminating the display device, an illumination optical system for guiding light from the ~~illumination~~ light source to the display device, and a display optical system for guiding light from the display device to an eye of an observer. The illumination optical system and the display optical system share an optical surface A having ~~two functions of transmission and reflection with each other, the optical system A~~ <sup>has</sup> a curvature on a local meridional section, ~~(a plane including incident light and exit light of a reference ray emitted from the illumination light source and passing a center of an image on the display device and the center of the pupil).~~ There is a curved surface B provided on the opposite side of the optical surface A to the display device. The optical surface A and optical surface B compose a lens body. <sup>R</sup>ays emitted from the ~~illumination~~ light source are reflected by the optical surface A of the lens body to illuminate the display device, <sup>and</sup> reflected light from the display device is transmitted by the optical surface A to enter the lens body, <sup>T</sup>he light then emerges from the optical surface B, ~~is reflected by a plurality of reflective surfaces,~~ and thereafter is guided to the pupil, thus permitting observation of an enlarged image of the image displayed on the display device.

sd.  
Analt  
B

00915455-072704